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I.B.C. compiled programs run on Apple II and Apple II Plus machines even if Integer ROM is not available. Object code averages 25% shorter than source code.** Language card is automatically used if available. I.B.C. spots and flags program errors. Compiles code at 50 lines per second.

"While we were not impressed with any of the AppleSoft Compilers, we would wholeheartedly recommend this Integer Compiler. " Jeffrey Stanton, The Book of Apple Computer Software, 1982.

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Higher Text II by Darrell & Ron Aldrich provides the display capabilities you need when the Apple II's text output just isn't sufficient. Professionally used by Sirius Software, Strategic Simulation, Milton Bradley and others for high quality displays. With Higher Text II you can print characters in upper case, lower case, upside down, sideways, and in any color. If standard characters still aren't adequate, try printing in script, Old English, foreign languages, or special scientific symbology. Define your own specialized or decorative character sets, and easily create professionally customized displays without any hardware modifications. Features include:

**EASY TO USE** — Add Higher Text II to your own programs or use it alone. Included utility allows easy labeling of any high-res screen with any font/color/size. It also allows for the creation of a simple scrolling message (as in movie credits) with no programming required. The 40 page manual makes all of Higher Text II's many capabilities easy to understand and use.

**FULL STANDARD ASCII CHARACTER SET** — The program displays the full upper and lower case 96 character ASCII character set with no lower case hardware required.

**ADDITIONAL CHARACTER SETS** — The program comes complete with a variety of additional predefined character sets (fonts). Print text in any of the following fonts: Roman, Greek, Hebrew, Three-D, Russian, APL, Old English, Countdown, Gothic, Apple, Narrow, and Others.

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**FLEXIBLE DISPLAY MODES** — Print text in normal size and shape, tall letters, wide letters, large letters, or bold face. Print inverse characters and colors. Text can be “anted”, “ored”, or “exclusive-ored” with the background. Background can be specified to be any color or even a picture.

**MANY MORE RAMS AVAILABLE** — A supplementary diskette, Higher Fonts I, with 25 more character sets is now available. Higher Fonts I works with either Higher Text or Higher Text II and costs only $15.00. The disk includes several more language fonts, character sets designed for game use, a sideways font, architectural symbols, and a number of fancy English text styles.

Higher Text II comes on disk and will run on any Apple II, Apple II Plus, DOS 3.2 or DOS 3.3 system with disk drive. The text generator is in machine language and links easily to your application programs. Only $40.00.

---

**HIGHER GRAPHICS II**

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Higher Graphics II is an unequaled collection of high resolution graphic utility programs and documentation which enable even the casual programmer to add stunningly detailed and colorful graphical effects to his programs quickly and easily. The versatile capabilities of Apple II's high resolution graphics can now be utilized by anyone without having to master the cumbersome procedures once required.

**FOR USE IN:**

**GAMES** — Create your own shapes (or use some of the many provided) for animation effects such as moving cars, tanks, ships, spaceships, etc. Draw detailed maps, gameboards, or playing fields for incorporation into your own game programs.

**BUSINESS** — Produce detailed graphs, bar charts, etc. and label them with the included high resolution character sets as easily as typing.

**EDUCATION** — Make computer instruction more interesting and colorful by illustrating your lessons.

**DESIGN** — Lay out house plans, landscapes, and electrical circuits on the Apple’s screen. Perform modifications or display alternatives quickly and easily.

**COMPUTER ART** — Sketch or paint figures, scenes, or abstract graphic designs.

**ANY PROGRAM** — Add that extra touch of professionalism to your programs by opening them with high resolution logos.

A UTILITY WHICH MEETS A WORLD OF NEEDS.

**HIGHER GRAPHICS II INCLUDES:**

**THE SCREEN CREATOR** — Draw beautifully detailed high resolution screens for use in demonstrations, introductory logos, gameboards, graphs, maps, etc. Place:

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<th>AREAS OF COLOR</th>
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<td>anywhere on the high resolution screen at any angle, size, or color in seconds with just a few keystrokes or using the game paddles. Text can be simply typed onto the screen at any angle. You can easily erase mistakes, move screen contents in any direction, load new screens or shape tables, and save your results to disk. No other graphics utility provides all of these features.</td>
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**THE SHAPE MAKER** — With simple to use commands, create new shape tables or add new shapes to your current library. Design new shapes in any scale, rotation, or color for uses as varied as: Games - Chess, tank, spacewar, adventure games, etc.; Education - Math symbols, scientific notation, maps, etc.; Design - Electrical components, architectural symbols, etc. Shapes can be edited as they are being produced. Display any shape at any time, and delete those no longer required.

**THE SHAPE SHUFFLER** — Drawing from your existing library of shapes and shape tables, create new tables with only the desired shapes in the order required for each specific application. Insert, delete, or transfer shapes from any shape table(s), including those provided, to any other.

**SHAPE TABLES** — Add the included shapes to your own programs, or simply use them as models for your own creations: Included are: Full alphanumeric character set, chess and card symbols, tanks, planes, men, spaceships, cars, monsters, buildings, trees, mountains, and many more.

**TEXT** — 24 page document packed with instructions, hints, and details about using the Apple II’s high resolution graphics mode for animation or other applications.

All programs and documentation are aimed at the professional and novice alike. Simple, single keystroke, menu driven commands make all operations easy and foolproof while providing dramatic capabilities. Higher Graphics II requires 48K Apple II or Apple II Plus with disk. Integer and Applesoft are both provided. $35.00
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THE LINGUIST'S FEATURES INCLUDE:

- Allows the Apple to correctly print foreign alphabets or phonetic symbols as required on the high resolution graphics screen. Includes the special characters required by Germanic, Scandinavian, and romance languages.

- Works with words, phrases, definitions, technical terms, or phonetic pronunciation.

- Operates with one or two languages you select to set up files of equivalent words. Enter a word in either language and its definition or translation will be displayed instantly.

- Can change languages at any time.

- Drills on words specified from your word files. The program gives hints, keeps score, and corrects mistakes.

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- Requires an Apple II Plus or Apple II *with Applesoft firmware, 48K RAM, DOS 3.3, and one disk drive. Only $40.00.

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Synergistic Software has been bringing you high-quality software since the late 1970's. As the Apple computer has improved, so has our software. Constant innovation means you get state-of-the-art programs.

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Janet M. Tucker
EDITOR

How do you acquire your software?
- I program it myself
- From magazines
- From friends and fellow programmers
- From software houses

To what types of software users' groups do you belong?
- Hardware exclusive
- General club
- College organization
- Other

Where did you obtain this copy of Appalogue?
- Computer store
- Subscription
- Newsstand
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